

### **Abstract**

A carpal tunnel device for supporting the wrist and hand utilizing a raised dome to prevent contact or compression to the carpal tunnel area. The device consisting of a clear thin thermoplastic shell, and an adjustment strap for attaching the device to the wearer. Contouring the thenar and hypothenar area of the palm, lateral wrist and proximal forearm a mid section of raised dome is formed over the carpal tunnel area of the wearer allowing great freedom of movement, ultra light weight, non-compression from elastomeric or circumferential glove forces, slim non bulky design, and complete tunnel non-compression from sharp or irregular surfaces or protrusions of the work environment. Thus the wearer may rest the inner wrist on counters, keyboard surfaces, counter edges or sharp and irregular surfaces without carpal area compression. Worn at night, the brace prevents compression of the carpal area as the wearer places his hand and wrist under his head or below his pillow.